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ABSTRACT

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A method of placing a component having leads and an alignment indicating fiducial marker is provided. The method includes detecting the alignment of the fiducial marker on the component, comparing the detected fiducial alignment with a predetermined fiducial alignment and placing the component to a substrate when the detected fiducial alignment corresponds to the predetermined fiducial alignment.--

In the Claims:

Please withdraw claims 2, 4 and 13-43.

All of the claims now pending in the application are reproduced below for the Examiner's convenience, whether they have been amended or not. Please amend the claims as indicated hereinbelow.

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1. (Amended) A method of placing a component having leads and an alignment indicating fiducial marker to a substrate comprising:
[providing a fiducial marker on a component to be placed on a substrate that distinguishes the alignment of leads on the component;]
detecting the alignment of the fiducial marker on the component;
comparing the detected fiducial alignment with a predetermined fiducial alignment corresponding to a predetermined lead alignment; and[,]
placing the component to [a] the substrate when the detected fiducial alignment corresponds to the predetermined fiducial alignment.

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3. (Amended) The method of claim [2] 1, wherein the fiducial marker includes a physically asymmetric portion of the component and detecting the alignment further comprises:
[providing a nest having an asymmetrically shaped recess corresponding to the physically asymmetric marker on the component;